



# L5 SATA III LITE 3D

## 2.5" Solid State Disk



Supports  
TRIM



Supports  
S.M.A.R.T.



Slim 7mm

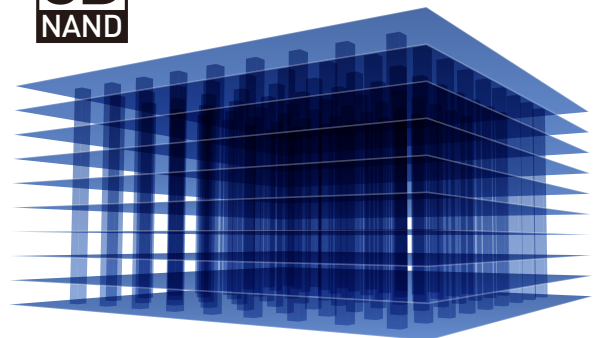
SSD | L5 LITE 3D

# Team 2.5" Solid State Disk L5 LITE 3D

## Welcome to the new era of 3D NAND

The latest generation of 3D NAND flash memory has overcome the technical barrier of 2D NAND, and has enhanced the overall capacity, performance and reliability. Unlike the 2D planar flash memory, 3D NAND increases storage capacity by stacking up cells in vertical direction. It not only provides a better performance and endurance, but also breaks through the technical limitation of planar chips.

**3D  
NAND**



### 4 times of speed improvement

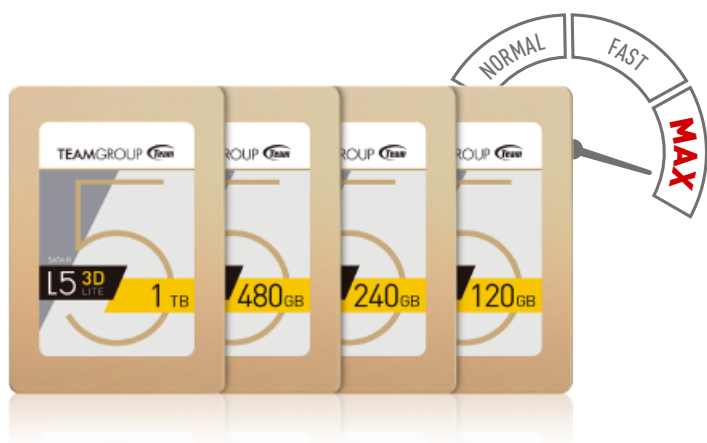
The L5 LITE 3D solid state drive is 4 times faster\* than the traditional hard drive. Its excellent performance and read/write speed not only allow fast boot/shutdown time, but also speed up the response time of all applications, so consumers can enjoy the high speed performance immediately after the upgrade. The lightweight and zero hassle advantage make it the best product to replace traditional hard drive.

\*The speed was tested by Team Group and for the reference only.



### Lightweight and compact with various capacities for selection

The L5 LITE 3D solid state drive has an industry-standard 2.5-inch. With only 7mm in height, it is best suited for Ultrabooks on the market. Whether it is for laptop or desktop, the upgrade can be done quickly. It is using SATA III 6Gbps specification and capacities available in 120GB, 240GB, 480GB, 1TB, etc. With read speed up to 470 MB/s\*, it not only improves the computer performance, but it is also the best bargain available.



### Solid, durable, total protection

The L5 LITE 3D solid state drive is using 3D NAND flash memory chip, which is durable, shockproof, drop resistant and offers a total protection for the data. Even if you accidentally drop your computer or it landed on a hard surface, it can still prevent damages and data corruption from accidents.





### Perfect long term operation

The L5 LITE 3D solid state drive supports Windows TRIM optimization command which is able to release free blocks, allowing operating system to use them later immediately when writing data. The optimized access control technology of NCQ can speed up the transfer and write performance of the SSD, and effectively reduces performance degradation and wear and tear of the drive. This can prolong the service life of the SSD perfectly.

### Trustworthy reliability

L5 LITE 3D solid state drive's built-in smart algorithm management mechanism has functions such as garbage collection which is able to ensure operation efficiency. The powerful Wear-Leveling technology and ECC (Error Correction Code) function enhance the reliability of data transfer.



## Main Feature

- ☐ 3D NAND – excellent choice for upgrade
- ☐ Read/write speed is 4 times faster\* than traditional hard drive – breathe new life into old system
- ☐ Smooth read/write speed – up to 470 MB/s\* of read speed is able to enhance the speed and performance of the overall system
- ☐ Ultra lightweight and slim - 2.5-inch hard drive with just 7.0 mm thickness, it can be installed on laptop or any other system
- ☐ Support S.M.A.R.T. technology - monitoring hard drive status efficiently
- ☐ Support TRIM - bring out its best performance on the compatible operating system
- ☐ Three years product warranty with free technical support service



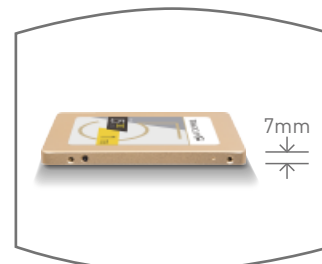
# Specification

Item	Specification
Model	L5 LITE 3D
Interface	SATA Rev. 3.0 (6Gb/s) – with backwards compatibility to SATA Rev. 2.0
Capacity	120GB / 240GB / 480GB / 1TB*
Color	Gold
Voltage	DC 5V
Operation Temperature	0°C ~ 70°C
Performance	ATTO / Crystal Disk Mark: 120GB Read: 470MB/s ; Write: 300MB/s 240GB Read: 470MB/s ; Write: 400MB/s 480GB Read: 470MB/s ; Write: 420MB/s 1TB Read: 500MB/s ; Write: 480MB/s** IOPS: 120GB 4K Random Read/Write: 30K/40K IOPS max 240GB 4K Random Read/Write: 65K/70K IOPS max 480GB 4K Random Read/Write: 70K/70K IOPS max 1TB 4K Random Read/Write: 80K/70K IOPS max**
Weight	65g
Dimensions	100(L) x 69.9(W) x 7(H) mm
Humidity	0°C to 55°C / 5% ~ 95% RH, non-condensing
Vibration	20G (non-operating)
Shock	1500G
MTBF	1,000,000 hours
Operation System	Desktop or notebook computer with a SATA III interface Windows 10 / 8 / 7 / Vista, MAC OS 10.4 or later, Linux 2.6.33 or later
Warranty	3-year limited warranty

\*1GB=1,000,000,000 Bytes. In OS system, it would be displayed as 1,000,000,000 Bytes/1024/1024/1024 = 0.93GB

\*\*Transmission speed will vary according to different hardware / software conditions, therefore the data can only be used for basic reference.

※We reserve the right to modify product specifications without prior notice.



## Ordering Information

Description	Capacity	Team P/N
TEAM 2.5" STD SATA3 L5 LITE 3D 7mm 120GB RETAIL	120GB	T253TD120G3C101
TEAM 2.5" STD SATA3 L5 LITE 3D 7mm 240GB RETAIL	240GB	T253TD240G3C101
TEAM 2.5" STD SATA3 L5 LITE 3D 7mm 480GB RETAIL	480GB	T253TD480G3C101
TEAM 2.5" STD SATA3 L5 LITE 3D 7mm 1TB RETAIL	1TB	T253TD001T3C101

Above technical information is based on industry standard data and tested to be reliable. However, Team makes no warranty, either expressed or implied, as to its accuracy and assumes no liability in connection with the use of this product.

Team reserves the right to make changes in specifications at any time without prior notice.